



Patent
Attorney Docket No. 030681-542

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Chan-ho PAK

Application No.: 10/627,743

Filing Date: July 28, 2003

Title: Carbon Molecular Sieve and Method for Manufacturing the Same

Group Art Unit: Unknown

Examiner: Unassigned

Confirmation No.: Unknown

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a First Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

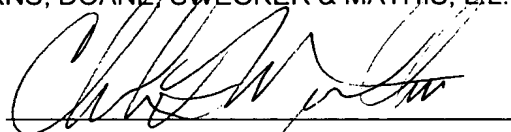
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
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Date: *Oct 29, 2003*

By


Charles F. Wieland III
Registration No. 33,096



Patent
Attorney's Docket No. 030681-542

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Patent Application of |) | |
| |) | |
| Chan-ho PAK |) | Group Art Unit: Unknown |
| |) | |
| Application No.: 10/627,743 |) | Examiner: Unassigned |
| |) | |
| Filed: July 28, 2003 |) | Confirmation No.: Unknown |
| |) | |
| For: Carbon Molecular Sieve and Method for |) | |
| Manufacturing the Same |) | |
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FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

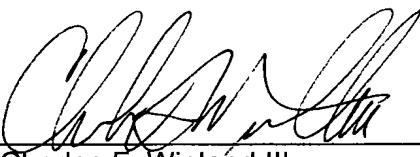
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

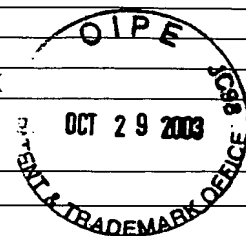
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date Oct 29, 2003

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(703) 836-6620

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| Substitute for form 1449A/PTO & 1449B/PTO | | Application Number | | 10/627,743 | |
| FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small> | | Filing Date | | July 28, 2003 | |
| | | First Named Inventor | | Chan-ho PAK | |
| | | Examiner Name | | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 030681-542 |



| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|-----------------|----------------------|---|-------------------------------------|
| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------|----------------------|---------|----------------------------------|-------------|----|
| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | Translation | |
| | | | | | Yes | No |
| | 2001-1127 | | Korea | 01-05-2001 | Abstract | |
| | 2002-84372 | | Korea | 11-07-2002 | Abstract | |
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| NON-PATENT LITERATURE DOCUMENTS | |
|---------------------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | JI MAN KIM, ET AL., Synthesis of MCM-48 Single Crystals, Chem. Commun., 1998, pp.259-260, Royal Society of Chemistry, Cambridge, England |
| | MI JEONG KIM ET AL., Synthesis and Pore Size Control of Cubic Mesoporous Silica SBA-1, Chemical Mater., 1999, pp. 487-491, Vol. 11, No. 2, American Chemical Society, Washington D.C., USA |
| | JI MAN KIM ET AL., Synthesis of Highly Ordered Mesoporous Silica Materials Using Sodium silicate and Amphiphilic Block Copolymers, Chem, Commun., 2000, pp. 1159-1160, Royal Society of Chemistry, Cambridge, England |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
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